North American Breeding Bird Survey Data for Indiana Dunes NL

The North American Breeding Bird Survey (BBS) is a long-term, large-scale, international avian monitoring program initiated in 1966 to track the status and trends of North American bird populations. The USGS Patuxent Wildlife Research Center and the Canadian Wildlife Service, National Wildlife Research Center jointly coordinate the BBS program. Each year during the height of the avian breeding season, June for most of the U.S. and Canada, participants skilled in avian identification collect bird population data along roadside survey routes. At each stop, a 3-minute point count is conducted. During the count, every bird seen within a 0.25-mile radius or heard is recorded. Surveys start one-half hour before local sunrise and take about 5 hours to complete. Over 4100 survey routes are located across the continental U.S. and Canada.

Species	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Pied-billed Grebe	0	0	0	1	0	0	0	0	0	1	0
Great Blue Heron	4	3	2	10	2	3	0	2	0	1	0
Great Egret	0	0	1	0	0	0	0	0	0	0	0
Green Heron	0	1	0	0	0	3	0	0	0	2	1
Black-crowned Night-Heron	0	0	0	0	7	0	0	0	0	0	0
Turkey Vulture	0	0	0	0	1	0	6	0	0	0	2
Canada Goose	0	1	0	0	7	0	1	22	1	0	1
Mute Swan	0	1	0	0	0	0	0	0	0	0	1
Wood Duck	0	10	0	0	0	1	3	0	0	0	0
Mallard	4	15	0	5	2	0	0	2	7	4	2
Red-shouldered Hawk	0	0	0	0	0	0	0	1	1	0	0
Red-tailed Hawk	0	0	0	0	0	0	1	0	0	0	0
Northern Bobwhite	1	1	0	1	0	1	0	1	0	0	0
Sora	0	0	0	0	0	1	0	0	0	0	0
American Coot	0	1	0	6	0	0	0	1	0	0	0
Killdeer	0	0	0	0	0	0	0	2	0	1	0
American Woodcock	0	1	0	0	3	1	0	0	0	0	0
Ring-billed Gull	121	132	247	0	38	80	71	39	66	82	2
Herring Gull	4	0	5	7	2	12	0	0	4	0	2
Forster's Tern	0	12	0	0	0	0	0	0	0	0	0
Rock Dove	10	0	0	0	0	1	0	0	1	0	0
Mourning Dove	1	3	1	3	0	8	7	8	5	9	6
Black-billed Cuckoo	1	0	0	0	0	0	0	0	0	0	0
Common Nighthawk	2	0	0	0	1	0	0	0	0	0	0
Chuck-will's-widow	1	1	0	1	0	0	0	0	0	0	0
Whip-poor-will	0	1	0	1	1	0	0	0	0	1	0
Chimney Swift	23	7	4	8	23	3	2	5	9	2	3
Ruby-throated Hummingbird	0	0	0	0	0	0	0	0	1	3	1
Belted Kingfisher	0	0	0	0	0	0	1	0	0	0	1
Red-bellied Woodpecker	1	4	1	6	4	2	1	0	9	8	5
Downy Woodpecker	1	6	0	4	6	1	4	3	5	4	1
Hairy Woodpecker	0	1	0	0	0	0	0	0	0	1	0
Yellow-shafted Flicker	1	3	1	0	0	0	0	0	1	1	0
Pileated Woodpecker	0	0	0	0	0	0	0	0	0	1	0
Eastern Wood-Pewee	6	9	1	6	16	9	7	4	14	8	11
Acadian Flycatcher	1	3	1	2	1	0	2	3	3	1	3
Alder Flycatcher	0	0	0	3	2	2	2	1	0	1	1
Willow Flycatcher	3	8	2	6	5	10	3	10	11	5	5
Least Flycatcher	0	0	0	0	1	2	0	0	0	0	1
Eastern Phoebe	0	2	0	0	3	0	0	1	1	1	2
Great Crested Flycatcher	2	4	4	15	6	9	5	9	13	3	8
Eastern Kingbird	0	0	0	0	3	0	0	1	2	1	1
White-eyed Vireo	2	2	0	1	1	1	1	1	1	1	0
Yellow-throated Vireo	3	3	0	6	4	2	2	3	3	3	5
Warbling Vireo	1	1	3	4	3	2	4	5	2	4	2
Red-eyed Vireo	11	14	8	24	22	19	13	22	20	20	19

Bible Jay	Species	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Purple Martin		11	10	6	6	6	5	6	8	8	7	5
Tree Swallow Northern Rough-winged Swallow Northern Rough-winged Swallow O O O O O O O O O O O O O O O O O O O	American Crow	12	27	14	23	22	24	13	23	27	27	18
Northerm Rough-winged Swallow	Purple Martin	4	0	0	0	1	0	0	0	0	0	0
Bank Swallow	Tree Swallow	1	0	0	4	1	1	0	0	2	0	3
Bam Swallow	Northern Rough-winged Swallow	0	0	1	0	0	2	0	0	0	0	0
Black-capped Chickadee	Bank Swallow	0	3	0	2	0	0	0	2	1	2	0
Tufted Titmouse	Barn Swallow	8	11	0	8	1	3	3	9	18	4	3
White-breasted Nuthatch	Black-capped Chickadee	7	6	6	3	1	7	0	9	6	10	6
Carolina Wren	Tufted Titmouse	15	9	7	12	9	7	7	11	11	16	15
House Wren	White-breasted Nuthatch	0	0	0	2	0	2	0	1	3	2	3
Sedge Wren	Carolina Wren	1	0	0	0	0	0	0	0	0	0	1
Marsh Wren 0	House Wren	8	14	18	15	9	17	17	19	17	14	8
Blue-gray Gnatcatcher	Sedge Wren	0	0	0	1	1	0	0	0	0	0	1
Eastern Bluebird	Marsh Wren	0	1	1	2	2	2	0	3	3	6	2
Veery	Blue-gray Gnatcatcher	6	4	4	5	9	6	4	1	3	7	8
Wood Thrush 6 5 7 6 10 3 1 4 6 4 5 American Robin 21 41 36 35 19 37 13 12 21 31 18 Gray Catbird 16 18 24 10 20 22 13 31 16 16 Brown Thrasher 3 3 0 1 1 0 0 2 0 2 0 European Starling 2 3 1 12 16 3 3 9 5 0 1 Cedar Waxwing 101 14 2 15 10 28 17 3 13 8 3 Blue-winged Warbler 0 <t< td=""><td>Eastern Bluebird</td><td>0</td><td>0</td><td>0</td><td>1</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>0</td></t<>	Eastern Bluebird	0	0	0	1	1	0	0	0	0	1	0
American Robin 21 41 36 35 19 37 13 12 21 31 18 Gray Catbird 16 18 24 10 20 22 13 13 31 16 16 Brown Thrasher 3 3 0 1 1 0 0 20 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0	Veery	6	5	1	9	3	6	5	6	3	6	3
Gray Catbird 16 18 24 10 20 22 13 31 16 16 Brown Thrasher 3 3 0 1 1 0 0 2 0 2 0 European Starling 2 3 1 12 16 3 3 9 5 0 1 Cedar Waxwing 101 14 2 15 10 28 17 3 13 8 3 Blue-winged Warbler 0	Wood Thrush	6	5	7	6	10	3	1	4	6	4	5
Brown Thrasher	American Robin	21	41	36	35	19	37	13	12	21	31	18
Brown Thrasher	Gray Catbird	16	18	24	10	20	22	13	13	31	16	16
Cedar Waxwing	Brown Thrasher	3	3	0	1	1	0	0	2	0	2	0
Blue-winged Warbler	European Starling	2	3	1	12	16	3	3	9	5	0	1
Golden-winged Warbler	Cedar Waxwing	101	14	2	15	10	28	17	3	13	8	3
Northern Parula Northern Parula O O O O O O O O O	Blue-winged Warbler	0	4	0	0	3	1	0	0	1	0	0
Yellow Warbler 14 22 29 22 24 26 21 19 33 23 20 Chestnut-sided Warbler 4 1 6 4 1 0<	Golden-winged Warbler	1	0	0	0	0	0	0	0	0	0	0
Chestnut-sided Warbler 4 1 6 4 1 0 0 0 1 1 Black-throated Green Warbler 0 0 0 0 0 1 0 <td< td=""><td>Northern Parula</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>0</td><td>0</td><td>0</td></td<>	Northern Parula	0	0	0	0	0	0	0	1	0	0	0
Black-throated Green Warbler	Yellow Warbler	14	22	29	22	24	26	21	19	33	23	20
Prairie Warbler 0 0 2 1 1 0 0 1 1 0 1 Cerulean Warbler 0 2 1 0 1 1 0 0 2 1 2 American Redstart 111 17 3 11 16 12 8 13 10 15 9 Ovenbird 6 1 3 4 9 2 4 4 3 1 3 Louisiana Waterthrush 0 1 1 1 1 0 <td>Chestnut-sided Warbler</td> <td>4</td> <td>1</td> <td>6</td> <td>4</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>1</td>	Chestnut-sided Warbler	4	1	6	4	1	0	0	0	0	1	1
Cerulean Warbler 0 2 1 0 1 1 0 0 2 1 2 American Redstart 111 17 3 11 16 12 8 13 10 15 9 Ovenbird 6 1 3 4 9 2 4 4 3 1 3 Louisiana Waterthrush 0 1 1 1 1 0 <td< td=""><td>Black-throated Green Warbler</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>3</td></td<>	Black-throated Green Warbler	0	0	0	0	0	1	0	0	0	0	3
American Redstart 11 17 3 11 16 12 8 13 10 15 9 Ovenbird 6 1 3 4 9 2 4 4 3 1 3 Louisiana Waterthrush 0 1 1 1 1 1 0 0 0 0 1 Common Yellowthroat 19 24 15 19 17 13 16 18 31 29 20 Hooded Warbler 0	Prairie Warbler	0	0	2	1	1	0	0	1	1	0	1
Ovenbird 6 1 3 4 9 2 4 4 3 1 3 Louisiana Waterthrush 0 1 1 1 1 1 0 0 0 0 1 Common Yellowthroat 19 24 15 19 17 13 16 18 31 29 20 Hooded Warbler 0 <	Cerulean Warbler	0	2	1	0	1	1	0	0	2	1	2
Louisiana Waterthrush 0 1 3 1 2 2 1 1 1 3 1 Canada Warbler 1 0	American Redstart	11	17	3	11	16	12	8	13	10	15	9
Common Yellowthroat 19 24 15 19 17 13 16 18 31 29 20 Hooded Warbler 0 0 0 0 1 2 1 1 1 3 1 Canada Warbler 1 0	Ovenbird	6	1	3	4	9	2	4	4	3	1	3
Hooded Warbler	Louisiana Waterthrush	0	1	1	1	1	1	0	0	0	0	1
Canada Warbler 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0	Common Yellowthroat	19	24	15	19	17	13	16	18	31	29	20
Yellow-breasted Chat 0 1 0 0 0 0 0 1 0 1 Scarlet Tanager 2 1 2 0 1 0 1 1 0 3 2 Eastern Towhee 9 10 11 14 9 14 6 8 9 7 9 Chipping Sparrow 1 7 8 5 5 8 5 9 9 12 9 Field Sparrow 3 11 1 3 7 4 1 3 6 4 1 Song Sparrow 11 18 16 16 10 25 13 19 15 11 7 Swamp Sparrow 0 4 4 5 7 7 3 6 8 5 4 Northern Cardinal 18 28 26 36 33 18 30 30 35 <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>2</td> <td>1</td> <td>1</td> <td>1</td> <td>3</td> <td>1</td>		0	0	0	0	1	2	1	1	1	3	1
Scarlet Tanager 2 1 2 0 1 0 1 1 0 3 2 Eastern Towhee 9 10 11 14 9 14 6 8 9 7 9 Chipping Sparrow 1 7 8 5 5 8 5 9 9 12 9 Field Sparrow 3 11 1 3 7 4 1 3 6 4 1 Song Sparrow 11 18 16 16 10 25 13 19 15 11 7 Swamp Sparrow 0 4 4 5 7 7 3 6 8 5 4 Northern Cardinal 18 28 26 36 33 18 30 30 35 30 24 Rose-breasted Grosbeak 0 1 5 2 3 0 1 3	Canada Warbler	1	0	0	0	0	0	0	0	0	0	0
Eastern Towhee 9 10 11 14 9 14 6 8 9 7 9 Chipping Sparrow 1 7 8 5 5 8 5 9 9 12 9 Field Sparrow 3 11 1 3 7 4 1 3 6 4 1 Song Sparrow 11 18 16 16 10 25 13 19 15 11 7 Swamp Sparrow 0 4 4 5 7 7 3 6 8 5 4 Northern Cardinal 18 28 26 36 33 18 30 30 35 30 24 Rose-breasted Grosbeak 0 1 5 2 3 0 1 3 1 1 0 Indigo Bunting 6 17 8 7 9 19 12 <td< td=""><td>Yellow-breasted Chat</td><td>0</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>0</td><td>1</td></td<>	Yellow-breasted Chat	0	1	0	0	0	0	0	0	1	0	1
Chipping Sparrow 1 7 8 5 5 8 5 9 9 12 9 Field Sparrow 3 11 1 3 7 4 1 3 6 4 1 Song Sparrow 11 18 16 16 10 25 13 19 15 11 7 Swamp Sparrow 0 4 4 5 7 7 3 6 8 5 4 Northern Cardinal 18 28 26 36 33 18 30 30 35 30 24 Rose-breasted Grosbeak 0 1 5 2 3 0 1 3 1 1 0 Indigo Bunting 6 17 8 7 9 19 12 15 18 12 11 Bobolink 0 1 0 0 0 0 0 0 <td>, and the second second</td> <td>2</td> <td>1</td> <td>2</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td> <td>1</td> <td>0</td> <td>3</td> <td>2</td>	, and the second	2	1	2	0	1	0	1	1	0	3	2
Field Sparrow 3 11 1 3 7 4 1 3 6 4 1 Song Sparrow 11 18 16 16 10 25 13 19 15 11 7 Swamp Sparrow 0 4 4 5 7 7 3 6 8 5 4 Northern Cardinal 18 28 26 36 33 18 30 30 35 30 24 Rose-breasted Grosbeak 0 1 5 2 3 0 1 3 1 1 0 Indigo Bunting 6 17 8 7 9 19 12 15 18 12 11 Bobolink 0 1 0<		9	10	11	14	9	14	6	8		7	9
Song Sparrow 11 18 16 16 10 25 13 19 15 11 7 Swamp Sparrow 0 4 4 5 7 7 3 6 8 5 4 Northern Cardinal 18 28 26 36 33 18 30 30 35 30 24 Rose-breasted Grosbeak 0 1 5 2 3 0 1 3 1 1 0 Indigo Bunting 6 17 8 7 9 19 12 15 18 12 11 Bobolink 0 1 0			7	8		5	8	5		9	12	9
Swamp Sparrow 0 4 4 5 7 7 3 6 8 5 4 Northern Cardinal 18 28 26 36 33 18 30 30 35 30 24 Rose-breasted Grosbeak 0 1 5 2 3 0 1 3 1 1 0 Indigo Bunting 6 17 8 7 9 19 12 15 18 12 11 Bobolink 0 1 0 <t< td=""><td></td><td>3</td><td>11</td><td>1</td><td>3</td><td>7</td><td>4</td><td>1</td><td>3</td><td>6</td><td>4</td><td>1</td></t<>		3	11	1	3	7	4	1	3	6	4	1
Northern Cardinal 18 28 26 36 33 18 30 30 35 30 24 Rose-breasted Grosbeak 0 1 5 2 3 0 1 3 1 1 0 Indigo Bunting 6 17 8 7 9 19 12 15 18 12 11 Bobolink 0 1 0		11	18	16	16	10	25	13		15	11	7
Rose-breasted Grosbeak 0 1 5 2 3 0 1 3 1 1 0 Indigo Bunting 6 17 8 7 9 19 12 15 18 12 11 Bobolink 0 1 0 1 1 1 <td< td=""><td></td><td>0</td><td></td><td>4</td><td></td><td></td><td></td><td>3</td><td></td><td></td><td></td><td>4</td></td<>		0		4				3				4
Indigo Bunting 6 17 8 7 9 19 12 15 18 12 11 Bobolink 0 1 0 1 2 1 1		18	28	26	36		18	30		35	30	24
Bobolink 0 1 0 1 0 1 2<	Rose-breasted Grosbeak	0	1	5	2	3	0	1	3	1	1	0
Red-winged Blackbird 15 25 21 24 24 19 20 19 27 23 15 Eastern Meadowlark 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 2 2 4 2 8 6 3 3 8 8 12 12 13 12 12 13 13 13 14 12 13 12 12 13 13 14 14 1 2 3 2 2<	Indigo Bunting	6	17	8	7	9	19	12	15	18	12	11
Eastern Meadowlark 1 1 0 0 0 0 0 0 0 0 1 Common Grackle 3 7 0 10 2 2 4 2 8 6 3 Brown-headed Cowbird 18 17 28 18 12 20 10 23 12 12 13 Baltimore Oriole 1 0 0 2 2 0 1 0 1 2 1 House Finch 1 4 1 2 3 2 2 2 2 1 1 American Goldfinch 3 9 9 14 21 10 16 24 25 17 18 House Sparrow 4 10 5 7 3 3 4 8 8 5 8	Bobolink	0	1	0	0	0	0	0	0	0	0	0
Common Grackle 3 7 0 10 2 2 4 2 8 6 3 Brown-headed Cowbird 18 17 28 18 12 20 10 23 12 12 13 Baltimore Oriole 1 0 0 2 2 0 1 0 1 2 1 House Finch 1 4 1 2 3 2 2 2 2 1 1 American Goldfinch 3 9 9 14 21 10 16 24 25 17 18 House Sparrow 4 10 5 7 3 3 4 8 8 5 8	_	15	25	21	24	24	19	20	19	27	23	15
Brown-headed Cowbird 18 17 28 18 12 20 10 23 12 12 13 Baltimore Oriole 1 0 0 2 2 0 1 0 1 2 1 House Finch 1 4 1 2 3 2 2 2 2 1 1 American Goldfinch 3 9 9 14 21 10 16 24 25 17 18 House Sparrow 4 10 5 7 3 3 4 8 8 5 8			1	0			0	0			0	
Baltimore Oriole 1 0 0 2 2 0 1 0 1 2 1 House Finch 1 4 1 2 3 2 2 2 2 1 1 American Goldfinch 3 9 9 14 21 10 16 24 25 17 18 House Sparrow 4 10 5 7 3 3 4 8 8 5 8		3	7	0							6	3
House Finch 1 4 1 2 3 2 2 2 2 1 1 American Goldfinch 3 9 9 14 21 10 16 24 25 17 18 House Sparrow 4 10 5 7 3 3 4 8 8 5 8		18	17	28	18		20	10	23	12	12	13
American Goldfinch 3 9 9 14 21 10 16 24 25 17 18 House Sparrow 4 10 5 7 3 3 4 8 8 5 8		1	0	0			0				2	1
House Sparrow 4 10 5 7 3 3 4 8 8 5 8	House Finch	1	4	1	2	3	2	2	2	2	1	1
<u>'</u>	American Goldfinch	3		9	14		10	16			17	18
Number of Species 61 70 50 63 70 61 52 61 63 66 69	House Sparrow		10	5	7		3	4			5	8
	Number of Species	61	70	50	63	70	61	52	61	63	66	69